

### Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

1. (Currently Amended) A method of making a water-soluble film comprising a blend of polyvinyl alcohol and a water-soluble sulfonate polymer, said film having a selected water-solubility rate, ~~said film being made by a method~~ comprising the steps of:

- a) selecting a desired water-solubility rate for said film;
- b) determining a weight percent of said sulfonate polymer in said blend that will, in said film, result in the selected water-solubility rate;
- c) preparing a composition comprising said blend of polyvinyl alcohol and sulfonate polymer, said blend having the weight percent of said sulfonate polymer determined in step (b); sulfonate polymer being present in said blend in a selected weight percent of said blend; and
- d) forming said film from said composition, ~~said film having said selected water-solubility rate; said rate being dependent on said selected weight percent of said sulfonate polymer.~~

2. (Currently amended) A film method according to claim 1 wherein said sulfonate polymer contains a sulfo group in the form of  $-\text{SO}_3\text{M}$ , wherein M is hydrogen, sodium, potassium or ammonium.

3. (Currently amended) A film method according to claim 2 wherein said blend contains 0.01 to 60 weight percent of said sulfonate polymer.

4. (Currently amended) A film method according to claim 2 wherein said blend contains 0.1 to 50 weight percent of said sulfonate polymer.

5. (Currently amended) A film method according to claim 2 wherein said blend contains 1 to 40 weight percent of said sulfonate polymer.

6. (Currently amended) A film method according to claim 2 wherein said sulfonate polymer is a homopolymer or a co-polymer formed by free-radical polymerization of sulfonate monomers.

7. (Currently amended) A film method according to claim 6 wherein said sulfonate monomer is derived from one of 2-chloroethylene sulfonic acid, ethylenesulfonic acid, ethylenedisulfonic acid, 1-nitriloethylenesulfonic acid, 2-formylethylenesulfonic acid, 1-carboxyethylenesulfonic acid, 1-propene-1-sulfonic acid, 1-propene-2-sulfonic acid, 2-formyl-1-methylethylene sulfonic acid, 1-carboxy-2-methylethylene sulfonic acid, 2-methyl-1,3-propenedisulfonic acid, 1-butene-1-sulfonic acid, 1-carboxy-2,2-dimethyl-ethylene sulfonic acid, 1-pentene-1-sulfonic acid, 1-hexene-1-sulfonic acid, 2-(p-nitrophenyl) ethylene sulfonic acid, 2-phenylethylene sulfonic acid, 2-(p-hydroxyphenyl) ethylene sulfonic acid, 2-(2-aminophenyl) ethylene sulfonic acid, 1-methyl-2-phenylethylene sulfonic acid, 2-(p-methoxyphenyl) ethylene sulfonic acid, 4-phenyl-1,3-butadiene sulfonic acid, 2-(p-acetamidophenyl) ethylene sulfonic acid, 3-chloroallyl sulfonic acid, allyl sulfonic acid, 1-hydroxyallyl sulfonic acid, 2-cynoallyl sulfonic acid, 3-chloromethallyl sulfonic acid, 1-carboxyallyl sulfonic acid, 3-carboxyallyl sulfonic acid, methallyl sulfonic acid, 2-methylene-4,4-dimethyl-1,3-disulfo-pentene, 4-methylene-4,4-dimethyl pentene sulfonic acid, 1-hydroxy-3-phenylallyl sulfonic acid, 3-phenylallyl sulfonic acid, 2-benzylallyl sulfonic acid, 2-(p-methylphenoxy) allyl-sulfonic acid, 3-phenoxy-methallyl sulfonic acid, 2-sulfoethyl acrylate, 2-sulfoethyl maleate, 3-sulfopropyl acrylate, 2-sulfonyl methacrylate, 3-sulfopropyl acrylate, 2-sulfo-1-(sulfomethyl) ethyl methacrylate, 3-sulfopropyl maleate, 4-sulfobutyl methacrylate, 2-(acyloxymethyl)-c-sulfuran, bis-2-sulfoethyl fumarate, 3-sulfopropyl itaconate, p-sulfophenyl acrylate, 2-(2-methylacryloxymethyl)-sulfofuran, bis(2-sulfoethyl) itaconate, p-sulfophenyl methacrylate, bis(3-sulfopropyl) maleate, bis(3-sulfopropyl) fumarate, bis (2-sulfopropyl) maleate, bis(2-sulfopropyl) fumarate, 5-methyl-2-(methallyloxy) benzene sulfonic acid, bis(2-sulfopropyl) itaconate, ar-(2-acryloyloxyethoxy)-2-naphthalene sulfonic acid, ar-(2-methacryloyloxyethoxy)-naphthalene sulfonic acid, dodecyl-4-sulfopropyl itaconate, dodecyl-4-sulfobutyl itaconate, n-acryloyl taurine, allylthioethyl sulfonic acid, alloxy propene sulfonic acid, n-allyl-n-methylaminoethane-sulfonic acid, n-(methacrylamidomethyl)-sulfoacetamide, vinyloxybenzene sulfonic acid, n-(p-sulfophenyl) methacrylamide, p-[(2-vinylsulfonyl)ethoxy]-benzene sulfonic acid, n-methyl-n-(2-vinylsulfonyl-ethyl)-p-(sodiumsulfo) benzyl amine, dichlorostyrene sulfonic acid, 2-chlorostyrene sulfonic acid, p-styrene sulfonic acid, p-sulfonic acid, vinyltoluene sulfonic acid, 2-methyl styrene sulfonic acid, the potassium, sodium and ammonium salts of each of the foregoing compounds, 4-methylene-2,2,6,6-

tetramethyl-3,5-disulfoheptene, allyloxyethyl sulfonic acid, allyl oxybenzene sulfonic acid, and styrene sulfonic acid.

8. (Currently amended) A film method according to claim 2 wherein said sulfonate polymer is made by condensation polymerization of formaldehyde with sulfonate monomers.

9. (Currently amended) A film method according to claim 8 wherein said sulfonate monomers are derived from one or more of aminophenol sulfonic acid, 2-amino-4-chloro-phenyl sulfonic acid, 2-amino-1-naphthalene sulfonic acid, 1-amino-8-naphthol-3,5 disulfonic acid, amino-naphthalene trisulfonic acid, aminobenzene-2,5 disulfonic acid, diaminostilbene sulfonic acid, phenol sulfonic acid, amino-naphthol disulfonic acid, and aminodiphenylamine methane sulfonic acid.

10. (Currently amended) A film method according to claim 2 wherein said sulfonate polymer includes sodium sulfonic styrene.

11. (Currently amended) A film method according to claim 2 wherein said sulfonate polymer is one of sulfonated polystyrene, sulfonated polysulfone, sulfonated melamine-formaldehyde resin, sulfonated phenol-formaldehyde resin, sulfonated urea-formaldehyde resin, sulfonated naphthalene-formaldehyde resin, sulfonated ethyl cellulose, sulfonated polyurethane, sulfonated polypropylene glycol, and sulfonated polyethylene glycol.

12. (Currently amended) A film method according to claim 2 wherein said sulfonate polymer has a number average molecular weight in the range of 18,000 - 26,000.

13. (Currently amended) A film method according to claim 2 wherein said blend includes a film-forming additive.

14. (Currently amended) A film method according to claim 13 wherein said additive is present in the range of 0.1 - 18 % by weight.

15. (Currently amended) A film method according to claim 13 wherein said additive is a wetting agent, filler, plasticizer, antioxidant, mold-releasing agent, biocide, anti-blocking agent, defoamer or lubricant.

16. - 18 (Cancelled)

19. (Currently amended) A method of controlling the water-solubility rate of a water-soluble film comprising a blend of polyvinyl alcohol and a water-soluble sulfonate polymer, said film having a selected water-solubility rate, said sulfonate polymer being present in said blend in a selected weight percent of said blend, said selected water-solubility rate being dependent on said selected weight percent of said sulfonate polymer comprising the steps of:

- a) selecting a desired water-solubility rate for said film;
- b) determining a weight percent of said sulfonate polymer in said blend that will, in said film, result in the selected water-solubility rate;
- c) preparing a composition comprising said blend of polyvinyl alcohol and sulfonate polymer, said blend having the weight percent of said sulfonate polymer determined in step (b); and
- d) forming said film from said composition.